

**U.S. DEPARTMENT OF ENERGY
 NATIONAL NUCLEAR SECURITY ADMINISTRATION NEVADA FIELD OFFICE
 NEPA ENVIRONMENTAL EVALUATION CHECKLIST**

NV-2017-042

FOLLOW ATTACHED PROCEDURES FOR COMPLETING CHECKLIST				Date June 14, 2017			
A. Project/Activity Title (Attach a brief description of proposed project) Desert Research Institute Cultural Resource Management Program				Anticipated Start Date July 18, 2017			
Project Location Potentially all areas of the NNSS; as well as locations on the Tonopah Test Range (TTR), and the Nevada Test and Training Range (NTTR).		Proposed By (if other than NNSA/NFO) Desert Research Institute					
NNSA/NFO Line Management Organization		NNSA/NFO Project/Program Manager Carrie Stewart					
ENVIRONMENTAL CONSIDERATIONS: If any phase of the project/activity involves any of the following considerations, check yes and explain in project description. See NFO-16A for consideration guidelines and examples.							
CONSIDERATION	YES	NO	UNK	CONSIDERATION	YES	NO	UNK
WASTE				AIR EMISSIONS			
1. Non-Rad Solid Waste	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. Chemical Release	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Hazardous Waste	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Dust/Particulate Matter	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Low-Level Rad Waste	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Mixed Waste	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Diesel Generators	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. TRU/Mixed TRU Waste	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. Open Burning	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Wastewater (domestic/industrial)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
HAZARDOUS MATERIALS				SITE LOCATION/OTHER			
1. Petroleum/Fuel Storage/Use	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. Environmental Restoration Site (CAU)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Underground Storage Tanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Excavation/Land Surface Disturbance	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Aboveground Storage Tanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Off Road Travel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. PCBs/Asbestos	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Biological/Tortoise Resource Area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Pesticides/Herbicides	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. Cultural/Historic Resource Area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Radioactive Materials	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6. Change in Existing Drainage Pattern	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Biological Materials/Simulants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. Impact to Environmental Monitoring System	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Beryllium	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8. Unexploded Ordnance Area	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. Chemical Storage/Use	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9. Noise	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Use of Explosives/Firearms	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10. Radiation Controlled Area	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				11. Drinking Water System Involvement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DO NOT TYPE OR WRITE BELOW THIS LINE. FOR NEPA COMPLIANCE OFFICER USE ONLY.							
B. Is the project/activity included in the final NNSS SWEIS and the ROD or other NEPA document? <input type="checkbox"/> Yes (complete Sections C, D, and F) <input checked="" type="checkbox"/> No (complete Sections D, E, and F)							
C. This project/activity is included in the NNSS SWEIS/ROD (or other NEPA document) under the following section and page number:							
D. Does the proposed project/activity require any local, state, or federal permits or notifications? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
E. If, based on the project description and the preliminary environmental considerations noted above, the proposed action fits within a class of action listed in Subpart D of 10 CFR 1021, write in the space below the paragraph number and short title from the appropriate table of contents of Subpart D, Appendix B, C, or D, for a CX, EA, or EIS. If the proposed action does not fit within any class of action, write "Not Listed" below. 10 CFR 1021: Appendix B, B3.3 Research related to conservation of fish, wildlife, and cultural resources							
F. NEPA COMPLIANCE OFFICER DETERMINATION OR RECOMMENDATION: I have determined that the proposed action as described in Item A has been adequately analyzed and meets the requirements for categorical exclusion under the citation in Item E. No further analysis or documentation is required pursuant to NEPA. Any changes or additions to this proposed action will require additional NEPA review.							
						6/15/2017 Date	
_____ NNSA/NFO NEPA Compliance Officer							

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Project Description:

The cultural resources activities are conducted to assist NNSA/NFO's compliance with the legal framework for the cultural resources management program. This regulatory environment consists of a number of laws, regulations, executive orders, and DOE policies. These include, but are not limited to: the National Historic Preservation Act (NHPA) as codified in Title 54 USC, the National Environmental Policy Act (NEPA) as codified in Title 42 USC Chapter 55, the Archaeological Resources Protection Act (ARPA) as codified in Title 16 USC Chapter 1b, the Native American Graves Protection and Repatriation Act (NAGPRA) as codified in Title 25 USC Chapter 32, Executive Order (EO) 11593 (1971), EO 13007 (1996), EO 13084 (1998), EO 13287 (2003), DOE Policy 141.1— Department of Energy Management of Cultural Resources, and DOE Order 144.1 Admin Chg 1—Department of Energy American Indian Tribal Government Interactions and Policy. Compliance with the above often requires pedestrian surveys for cultural resources by qualified persons.

Cultural resources compliance surveys, required by the NHPA Section 106 and NEPA, are conducted prior to projects proposed by NNSA/NFO and other users at the NNS, TTR, and NTTR to identify and protect cultural resources eligible for the National Register of Historic Places (NRHP). Survey areas vary by project scope. Historical Evaluations are conducted for buildings and structures associated with the nuclear testing program. Cultural resources inventories of unrecorded areas are conducted for compliance with NHPA Section 110 in order to identify significant cultural resources and provide data for the NNSA/NSO management of these resources. From time to time, fieldwork is conducted to assist a user with the identification of a location that will not impact cultural resources. Monitoring of NRHP eligible sites is conducted continually. Finally, support is provided to the American Indian Consultation Program for consultations at locations at the NNS, TTR, and NTTR.

Cultural resources work is tasked for all areas of the NNS and select locations on the TTR and NTTR where NNSA/NFO activities may occur. During the fieldwork, cultural resources personnel access locations via existing roadways and walk to project locations. On rare occasions, remote locations may be accessed by helicopter. Pedestrian surveys are undertaken when cultural resources need to be identified within tracts of land. The entire area is walked on foot, the location is mapped and photographed, and all cultural resources are recorded and photographed. For historical evaluations, locations are accessed by existing roads and the building or structure is photographed and mapped. From time to time, interviews are conducted with people knowledgeable about the activities at the location. Information is collected that will assist in determining the NRHP status for the cultural resources and appropriate management actions. All work is conducted in accordance with federal and state requirements.

Environmental Considerations:

Hazardous Materials:

The Desert Research Institute Cultural Resource Management Program will not generate or introduce any hazardous materials; however, fieldwork may be conducted in areas determined to contain hazardous materials.

H-6. Radioactive Materials: DRI may be requested to conduct fieldwork within an area determined to contain radioactive materials. In such a case, the work will be conducted by archaeologists with current RADWORKER II training and in accordance with the Primary REOP holder's requirements.

H-8. Beryllium: DRI may be requested to conduct fieldwork within an area determined to contain beryllium. In such a case, this work is conducted in accordance with the Primary REOP holder's requirements.

Site Location/Other

S-1. Environmental Restoration Site (CAU): On occasion, DRI is tasked to record and evaluate the cultural importance of items or structures in a CAU. This work is conducted in accordance with the primary REOP holder's requirements.

S-2. Excavation/Land Surface Disturbance: Rarely, DRI may be required to disturb small ($\leq 1\text{ft}^2$) areas using hand tools to determine potential archaeological site depth. Such determination will not be made within posted URMA's. Substantial excavation associated with site mitigation will not be conducted under this NEPA Checklist.

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S-4. Biological/Tortoise Resource Area: DRI may be requested to conduct fieldwork within a Biological/Tortoise Resource Area. In such a case, DRI's work is conducted in coordination with the M&O biologists

S-5. Cultural/Historic Resources Area: The cultural resources management personnel regularly work within cultural/historic resources areas and conduct their work in accordance with state and federal standards.

S-8. Unexploded Ordinance Area: DRI may be requested to conduct fieldwork within an area that contains unexploded ordinance. In such a case, all work would be conducted in accordance with the Primary REOP holder's requirements.

S-10. Radiation Controlled Area: DRI may be requested to conduct fieldwork within a radiation controlled area. In such a case, DRI's work will be conducted by personnel with current GERT or RADWORKER II training and either a) in coordination with Radiological Safety personnel; or, b) in accordance with the primary REOP holder's requirements.